



TROPICAL STORM HENRI BRIEFING

6:00 AM ET

Saturday, August 21, 2021

Prepared by: WFO Philadelphia/Mount Holly

What has changed: Increasing risk for flooding, Tropical storm watches have been changed to warnings

Next Briefing: By Saturday, August 21, at 7pm EDT

Disclaimer: The information contained within is time-sensitive. Do not use after 7:00pm EDT Saturday.



Situation Overview

Tropical Storm Henri



Philadelphia/Mount Holly

WEATHER FORECAST OFFICE






- The primary hazard for much of our area is expected to be heavy rain leading to flash flooding. Although the highest risk for this is across northern New Jersey, there is some risk across almost all of our region.
- Tropical storm force winds remain possible for Middlesex and Monmouth Counties tonight into Sunday morning.
- Minor coastal flooding is expected for portions of the New Jersey coast with this evening's high tide. Minor tidal flooding may linger with the high tide on Sunday evening.
- Rough surf and a high risk for rip currents will continue through Sunday for all of the area coasts. Additionally, tropical storm winds are possible for northern NJ coastal waters

Situation Overview

Tropical Storm Henri



Philadelphia/Mount Holly
WEATHER FORECAST OFFICE

Hazard	Impacts	Location	Timing
Wind 	Tropical storm force winds could lead to scattered tree and power line damage.	Monmouth and Middlesex Counties	Late tonight into Sunday morning.
Storm Surge/ Inundation 	While there is low risk for significant storm surge, minor tidal flooding is expected along the New Jersey coast.	Portions of the New Jersey coast.	The high tide this evening. Minor flooding may linger with the high tide on Sunday evening
Flooding Rain 	Heavy rain will likely lead to some flash flooding and could result in rises on slower responding waterways.	The highest risk is in northern New Jersey, but there is some risk across much of the region.	This afternoon through Sunday night.
Tornado 	None.	--	--
Marine 	Rough surf and a high risk for rip currents. Additionally, tropical storm winds are possible for northern NJ coastal waters	Rough surf is possible for all coastal/nearshore waters. The risk for tropical storm force winds is in the northern NJ coastal waters.	Tonight through Sunday morning

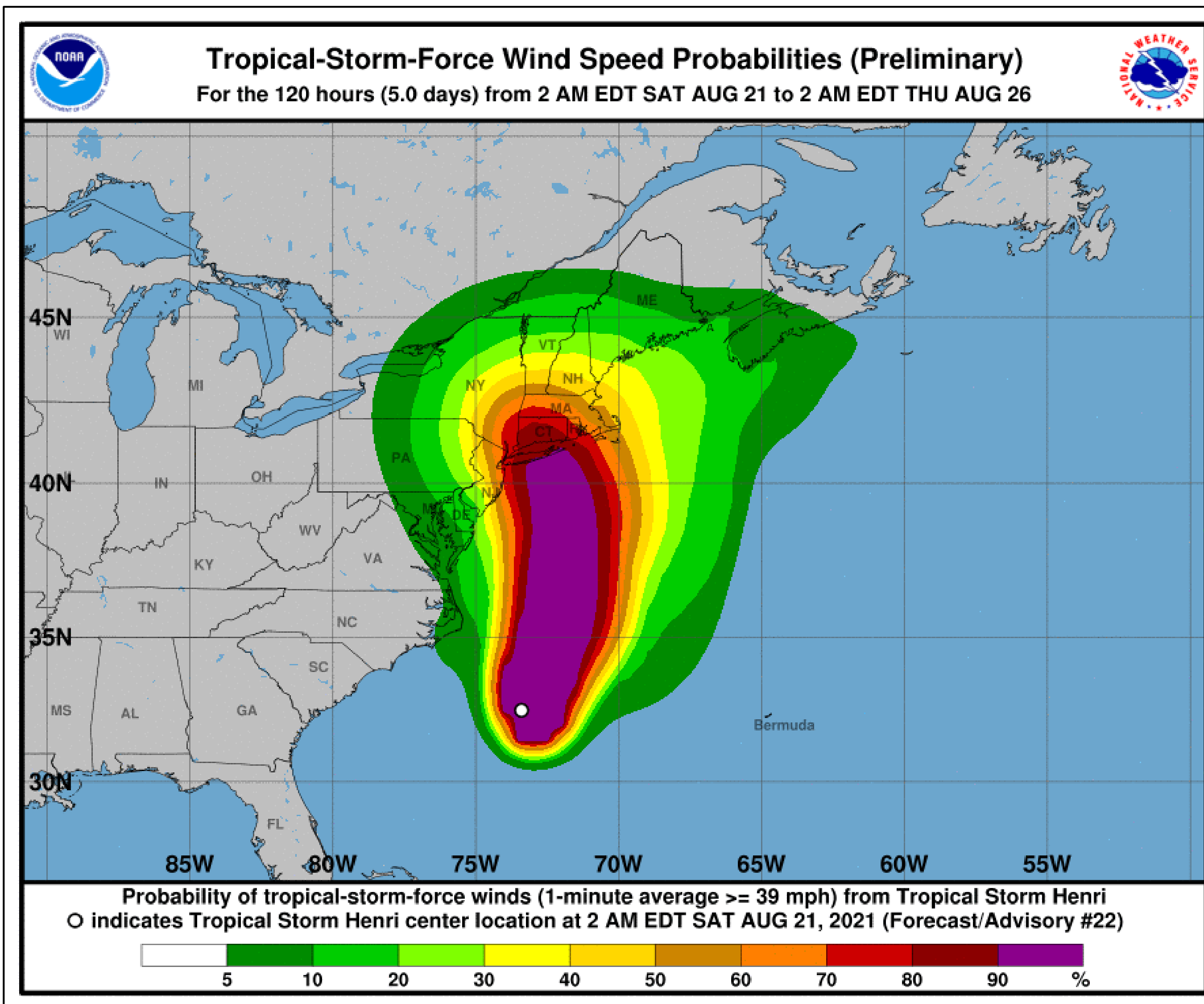
TS Wind Speed Probabilities

Tropical Storm Henri



Philadelphia/Mount Holly

WEATHER FORECAST OFFICE



- Potential remains for tropical storm force winds across East Central New Jersey.
- Highest wind chances are tonight through Sunday morning.

Expected Storm Total Rainfall

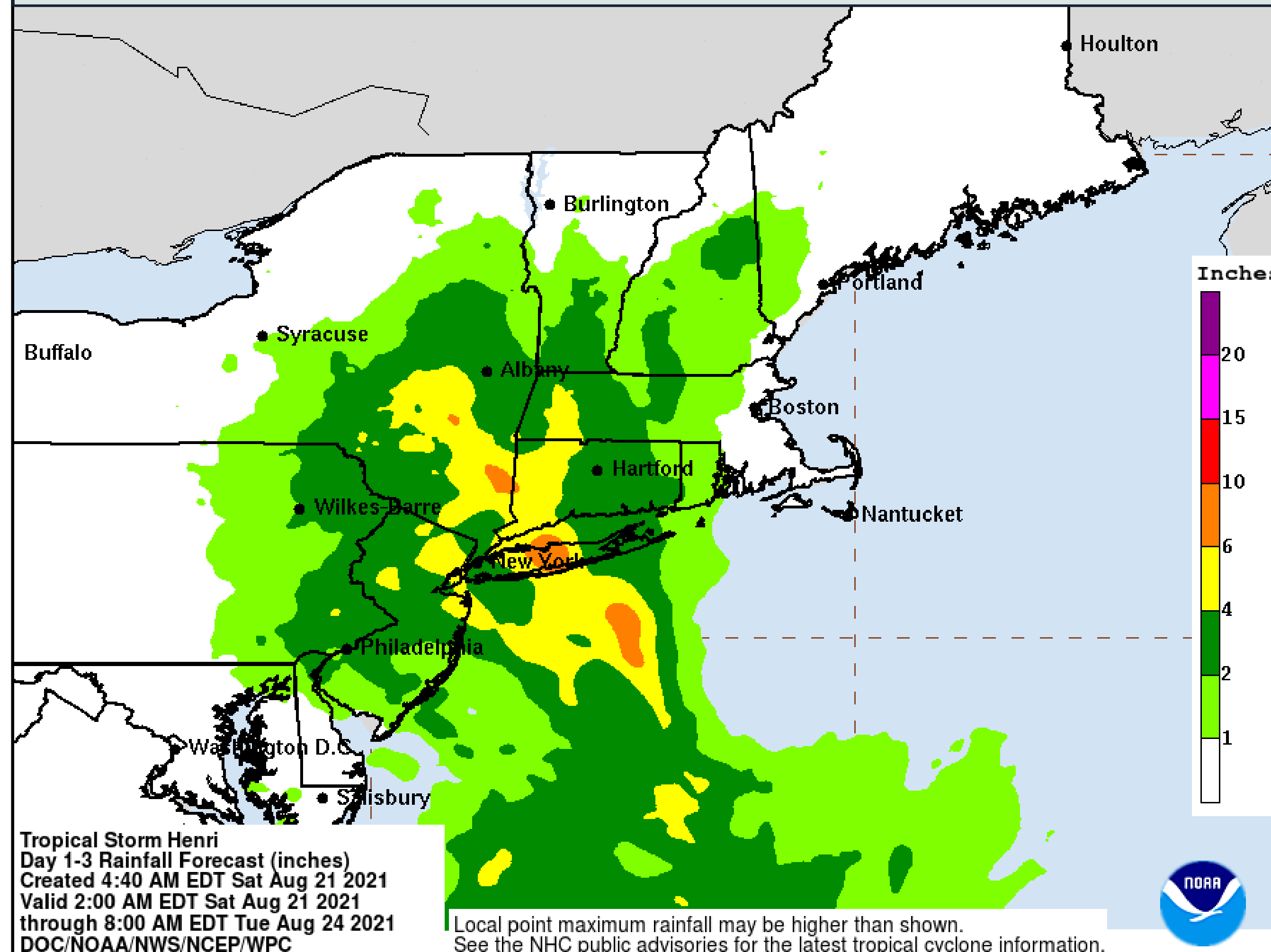
Tropical Storm Henri



Philadelphia/Mount Holly

WEATHER FORECAST OFFICE

Note: There will likely be locally higher amounts



- Storm Total rainfall forecast valid Saturday Afternoon through Sunday night
- Locally, most rain will occur Saturday night and Sunday

Key Take-Aways

Tropical Storm Henri

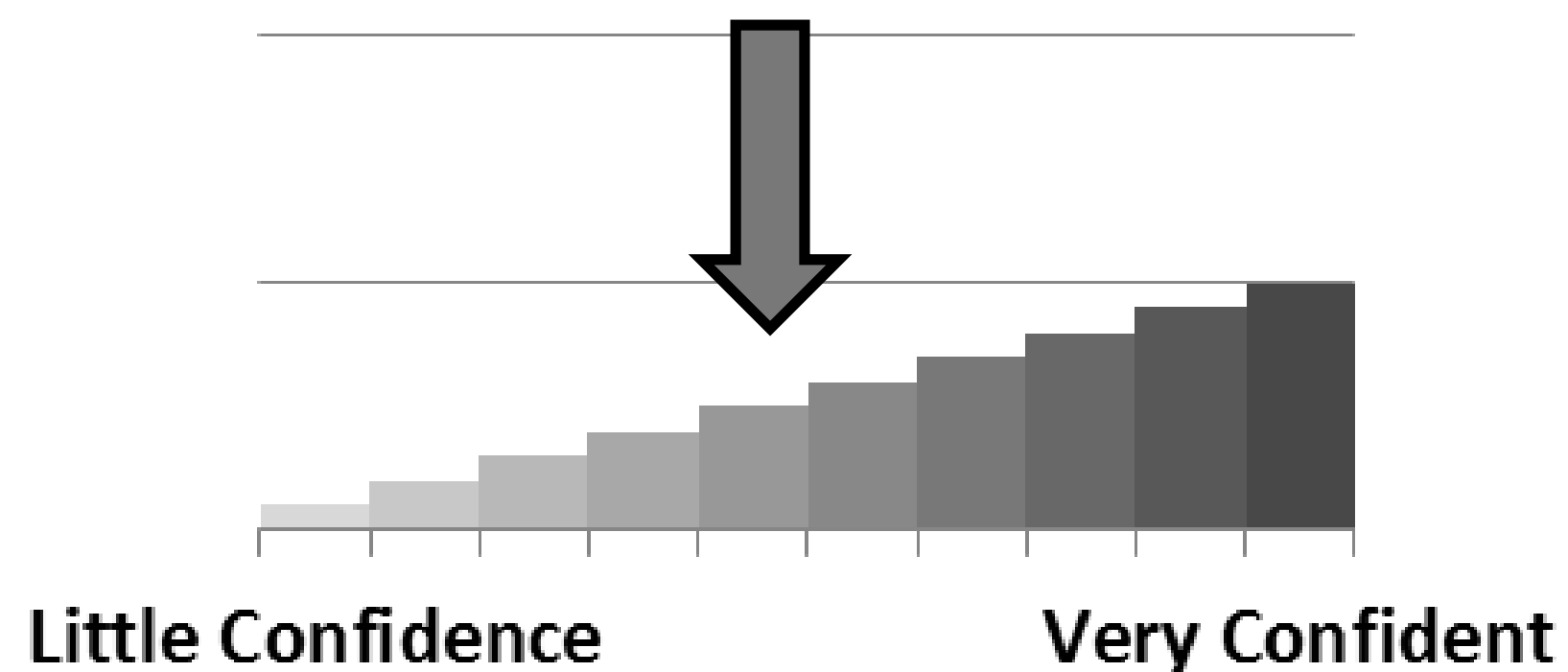


Philadelphia/Mount Holly

WEATHER FORECAST OFFICE

- Heavy rain leading to some flash flooding is likely across the region tonight through Sunday night. Rises on slower responding waterways is also possible.
- Tropical storm force winds are possible in Monmouth and Middlesex Counties.
- Minor tidal flooding is expected along portions of the NJ coast with the high tide this evening.
- Seas up to 10 feet, and a high risk of rip currents is expected to continue along the coast through at least Sunday.

Forecast Confidence



Increasing confidence in the track of Henri, but still low confidence in the intensity. Small changes in the track and/or intensity could have a big impact on the extent of tropical storm force winds in our region. We have moderate confidence that portions of our region will have heavy rain leading to flash flooding, but the extent and coverage of the heavy rain remains uncertain.



*The Next Briefing:
By Saturday 7:00 PM EDT*



Web: <http://weather.gov/philadelphia>



Phone: (609) 261-6600



Facebook: NWSMountHolly



Twitter: NWS_MountHolly

For the latest graphics and information go to: www.hurricanes.gov or weather.gov/phi/tropical



NWSMountHolly

www.weather.gov/Philadelphia